

23.The method of claim 18 wherein the first heat exchanger is a radiator and the first fluid is engine coolant, and wherein the second heat exchanger is a charge air cooler and the second fluid is charge air, each of the radiator and the charge air cooler portions being cooled by ambient air.

[c24]

24.The method of claim 18 wherein the first heat exchanger is a charge air cooler and the first fluid is charge air, and wherein the second heat exchanger is a radiator and the second fluid is engine coolant, each of the charge air cooler portions and the radiator being cooled by ambient air.

Abstract of Disclosure

[0054] A combined radiator and charge air cooler package comprises a radiator for cooling engine coolant, and a charge air cooler for cooling charge air having upper and lower portions. The upper charge air cooler portion is disposed in overlapping relationship and adjacent to the upper end of the radiator, and the lower charge air cooler portion is disposed in overlapping relationship and adjacent to the lower end of the radiator, on the face side thereof. Ambient air may flow in series through the upper end of the radiator and the upper charge air cooler portion, and through the lower charge air cooler portion and the lower end of the radiator. The charge air cooler portions are operatively connected such that the charge air may flow between the lower manifold of the upper charge air cooler portion and the upper manifold of the lower charge air cooler portion.